

WHAT IS CLAIMED IS:

1. A solid state image pick-up device
comprising:

a first scanning means; and

5 a second scanning means having a lower driving
frequency than that of the first scanning means, the
first scanning means and the second scanning means
being arranged to be adjacent to different side
portions of a chip, respectively,

10 wherein a predetermined pad is arranged in at
least one of side portions of the chip, except for
the side portion on a side where the first scanning
means is arranged.

15 2. A solid state image pick-up device according
to claim 1, further comprising a pixel region, on the
chip, in which pixels having an active element are
two-dimensionally arranged, .

wherein the predetermined pad includes at least
20 a pad through which a voltage or a ground potential
is applied to the active element.

3. A solid state image pick-up device according
to claim 2, wherein the active element comprises at
25 least one selected from the group consisting of a
transfer MOS transistor, a reset MOS transistor, a
source follower input MOS transistor, and a selection

MOS transistor.

4. A solid state image pick-up device according to claim 1, further comprising:

5 a pixel region, on the chip, in which pixels having an active element are two-dimensionally arranged; and

an amplifier for amplifying signal charges successively read out from the pixels of the pixel
10 region by the first scanning means and the second scanning means,

wherein the predetermined pad includes at least a pad through which a voltage is inputted to the amplifier or an output signal of the amplifier is
15 outputted to the outside of the chip.

5. A solid state image pick-up device according to claim 2, wherein the pixel region is formed into a rectangle, and the first scanning means is arranged
20 closer to a long side of the pixel region.

6. A solid state image pick-up device according to claim 5, wherein the plurality of first scanning means are arranged to sandwich therebetween the pixel
25 region.

7. A solid state image pick-up device according

to claim 2, wherein the first scanning means comprises a horizontal shift register, and the second scanning means comprises a vertical shift register.

- 5 8. A camera, comprising:
- the solid state image pick-up device according to claim 1;
- a lens for forming an optical image of a subject; and
- 10 a signal processing unit for processing a signal from the solid state image pick-up device.